

Attorney Docket No. 2003P15369WOUS**ABSTRACT**

The invention relates to an arrangement with a panel of a flat display and with a graphics processor to which a digitized image signal can be supplied by an A/D converter, said image signal being generated from an analog image signal by the A/D converter. An amplification of the A/D converter can be set in such a manner that the A/D converter generates a maximum video step of the digital image signal from the highest video level of the analog image signal. Appropriate measures are used to reduce interfering influences upon the contrast of an image due to aging effects of the transparent portions of the panel, e.g. due to aging effects of the panel glass, the LCD liquid or of the diffuser films and/or polarization films, and permit the sensor to be seen via the display surface only during a calibrating phase. The contrast is automatically adjusted on site, e.g. when the flat display is used in the medical field, thereby eliminating the need for service personnel.